Express Mail Label No. EL940598198US PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT APPLICATION of:

Lomp et al.

Application No.:

Not Yet Known

Filed:

Not Yet Known

For:

AUTOMATIC POWER CONTROL

SYSTEM FOR A CODE DIVISION

MULTIPLE ACCESS (CDMA)
COMMUNICATIONS SYSTEM

Group:

Not Yet Known

Examiner:

Not Yet Known

Our File: I-2-0096.3US

Date:

February 27, 2002

INFORMATION DISCLOSURE STATEMENT

Box PATENT APPLICATION Commissioner for Patents Washington, D.C. 20231

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. § 1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

Pursuant to 37 C.F.R. §1.98(d) copies of documents cited in the parent application are not enclosed, but copies will be provided upon request. These documents are identified on the PTO-1449 form by an asterisk (*).

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Lomp et al.

Volpe and Koenig, P.C. Suite 400, One Penn Center 1617 John F. Kennedy Boulevard Philadelphia, PA 19103

C. Frederick Koenig III Registration No. 29,662

(215) 568-6400

CFK/fap

Sheet _ 1_ of _ 4_

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. I-2-0096.3US

SERIAL NO. Not Yet Known

APPLICANT Lomp et al.

FILING DATE Not Yet Known GROUP Not Yet Known

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
-	AA*	4	9	0	1	3	0	7	02/13/90	Gilhousen et al.			
-	AB*	5	0	2	2	0	4	9	06/04/91	Abrahamson et al.			
	AC*	5	0	8	4	9	0	0	01/28/92	Taylor			
	AD*	5	0	9	3	8	4	0	03/03/92	Schilling			
	AE*	5	1	0	3	4	5	9	04/07/92	Gilhousen et al.			
	AF*	5	1	0	9	3	9	0	04/28/92	Gilhousen et al.			
	AG*	5	1	6	6	9	5	1	11/24/92	Schilling	"		
	AH*	5	1	9	3	0	9	4	03/09/93	Viterbi			
	Al*	5	2	0	4	8	7	6	04/20/93	Bruckert et al.			
	AJ*	5	2	2	8	0	5	4	07/13/93	Rueth et al.			
	AK*	5	2	2	8	0	5	6	07/13/93	Schilling			
	AL*	5	2	3	7	5	8	6	08/17/93	Bottomley			
	AM*	5	2	4	1	6	9	0	08/31/93	Larsson et al.			
	AN*	5	2	4	5	6	2	9	09/14/93	Hall			
	AO*	5	2	5	3	2	6	8	10/12/93	Omura et al.			
	AP*	5	2	5	7	2	8	3	10/26/93	Gilhousen et al.			
	AQ*	5	2	6	0	9	6	7	11/09/93	Schilling			
	AR*	5	2	6	5	1	1	9	11/23/93	Gilhousen et al.			
	AS*	5	2	6	7	2	6	2	11/30/93	Wheatley, III			
	AT*	5	2	8	3	5	3	6	02/01/94	Wheatley, III et al.			
	AU*	5	2	9	5	1	5	2	03/15/94	Gudmundson et al.			

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Sheet	2	of	4

FORM PTO-1449

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(Use several sheets if necessary)

ATTY. DOCKET NO. I-2-0096.3US

SERIAL NO. Not Yet Known

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FILING DATE Not Yet Known GROUP Not Yet Known

U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AV*	5	2	9	9	2	2	6	03/29/94	Schilling			
·	AW*	5	2	9	9	2	2	8	03/29/94	Hall			
	AX*	5	3	0	9	4	7	4	05/03/94	Gilhousen et al.			
	AY*	5	3	2	7	4	5	5	07/05/94	DeGaudenzi et al.			
	AZ*	5	3	2	7	4	6	7	07/05/94	DeGaudenzi et al.			
	BA*	5	3	4	5	5	9	8	09/06/94	Dent			
	BB*	5	3	4	1	3	9	6	08/23/94	Higgins et al.			
•	BC*	5	3	4	7	5	3	6	09/13/94	Meehan			
	BD*	5	3	4	9	6	0	6	09/20/94	Lovell et al.			
	BE*	5	3	7	7	1	8	3	12/27/94	Dent			
	BF*	5	3	9	2	2	8	7	02/21/95	Tiedemann, Jr. et al.			
	BG*	5	3	9	6	5	1.	6	03/07/95	Padovani et al.			
	BH*	5	4	0	4	3	7	6	04/04/95	Dent			
	BI*	5	4	1	4	7	2	8	05/09/95	Zehavi			
	BJ*	5	4	1	4	7	2	9	05/09/95	Fenton			
-	BK*	5	4	1	6	7	9	7	05/16/95	Gilhousen et al.			
	BL*	5	4	2	0	8	9	6	05/30/95	Schilling			
-	ВМ*	5	4	3	0	7	6	0	07/04/95	Dent			
	BN*	5	4	4	0	5	9	7	08/08/95	Chung et al.			
-	во*	5	4	4	2	6	6	2	08/15/95	Fukasawa et al.			_
	BP*	5	4	5	9	7	5	9	10/17/95	Schilling			
	BQ*	5	4	8	8	6	2	9	01/30/96	Takahashi et al.			
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ATTY, DOCKET NO. SERIAL NO. **FORM PTO-1449** I-2-0096.3US Not Yet Known U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** Not Yet Known INFORMATION DISCLOSURE STATEMENT BY APPLICANT **GROUP FILING DATE** Not Yet Known Not Yet Known (Use several sheets if necessary) **U.S. PATENT DOCUMENTS** EXAMINER INITIAL FILING DATE IF CLASS SUBCLASS DOCUMENT NUMBER DATE NAME 05/21/96 BR* 5 5 9 7 3 6 Ishida 7 Yano et al. BS* 5 5 5 9 9 0 09/24/96 5 6 5 7 3 4 3 08/12/97 Schilling BT* 5 8 7 8 3 2 9 03/02/99 Mallinckrodt BU* FOREIGN PATENT DOCUMENTS TRANSLATION SUBCLASS DOCUMENT NUMBER DATE COUNTRY CLASS YES NO 04/15/93 PCT BV* 0 l93 l07 w 0 95 03 6 5 2 02/02/95 **PCT** BW* lw 0 95 07 5 7 03/16/95 **PCT** BX* 8 0 97 02 6 **PCT** BY* W 6 5 01/23/97 Ε Ρ 04 | 64 | 83 9A 2 01/08/92 Europe BZ* Ε Р 05 26 10 6A 2 02/03/93 Europe CA* Ε Р 06 54 91 ЗΑ 2 05/24/95 CB* Europe Р 06 | 56 | 71 CC* Е 6A 1 06/07/95 Europe Р CD* Ε 06 68 66 2A 1 08/23/95 Europe 73 Х CE* D Е 37 43 1A 1 07/13/89 Germany CF* Ε Χ D |37 |43 |73 |2A 07/13/89 Germany OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile CG* Communications: A Spread-Spectrum Approach," UMI Dissertation Infromation Service, (1978) 204 pp.

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	OTHE	R [000	UME	NT	S (Inc	luding Au	thor, Title, Date, Per	tinent Pa	ages, E	tc.)		
	CH*		Hossein Al Avi, "Power Control and Interference Management in a Spread- Spectrum Cellular Mobile Radio System," UMI Dissertation Information Service, (1984) 129 pp.									e,		
	CI*		"Code Division Multiple Access (CDMA)", Franz Josef Hagmanns, Volker Hespelt, 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, pp. 64-71											
	C1,		"CDMA and ATM-zwei Technologien, ein Ziel:, 2323 Telcom Report (Siemens) 18(1995) Maerz/April, No. 2 Munchen, DE, pp. 60-63								s)			
	CK*		Zhao Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems", IEEE Journal on Selected Areas in Communications, US, IEEE Inc. New York, vol. 12, no. 4, 1 May 1994, pages 638-644											
EXA	MINER	<u></u>							DATE CONSIDERED					

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